

# Recombinant Human KLHL20 cell lysate

**Cat. No.** KLHL20-943HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>    | The protein encoded by this gene is a member of the kelch family of proteins, which is characterized by a 44-56 amino acid repeat motif. The kelch motif appears in many different polypeptide contexts and contains multiple potential protein-protein contact sites. Members of this family are present both throughout the cell and extracellularly, with diverse activities. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                        |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KLHL20 kelch-like 20 (Drosophila) [ Homo sapiens ]                                                                                                                                                                           |
| <b>Official Symbol</b> | KLHL20                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | KLHL20; kelch-like 20 (Drosophila); kelch-like protein 20; KHLHX; KLEIP; kelch-like protein X; Kelch motif containing protein; kelch-like ECT2 interacting protein; kelch-like ECT2-interacting protein; KLHLX; RP3-383J4.3; |

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| <b>Gene ID</b>             | 27252                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | NM_014458                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>      | NP_055273                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | Q9Y2M5                                                                                                                                                                                                                                                                                                                                                                |
| <b>Chromosome Location</b> | 1q25.1                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; Immune System, organism-specific biosystem; |
| <b>Function</b>            | actin binding; interferon-gamma binding; protein binding; ubiquitin-protein ligase activity;                                                                                                                                                                                                                                                                          |